

SNAP DRILL

Quick Guide

The short version

Connecting with Snapdrill

Hole Saw assembly

Hole cutting

Maintenance



HEALTH AND SAFETY WARNING:

Keep hands away from hole saw and clamp..

Wear hearing protection, work gloves and safety glasses during operation. Read full technical guide before use.

Snap Drill AS, Norway, 2021



Simple steps for successful hole cutting with Snapdrill.

Use correct settings on drive unit.

Gear one, drill symbol on wheel selector, at least two dots on battery - and trigger fully activated while cutting.

Lubricate often, and clean for shavings.

Clean and lubricate cutting teeth often for long tool life and smooth result. Oil spray recommended.

Use the correct hole saw.

S type hole saw must be used in SD42,4/48,3 (1-1/4)
L type hole saw must be used in SD60,3 (2) and above.

Return hole saw and feed nut before cutting.

Cutting teeth will break and machine may be damaged if not returned before drilling. Tighten feed nut to return hole saw quickly, then return before cutting.

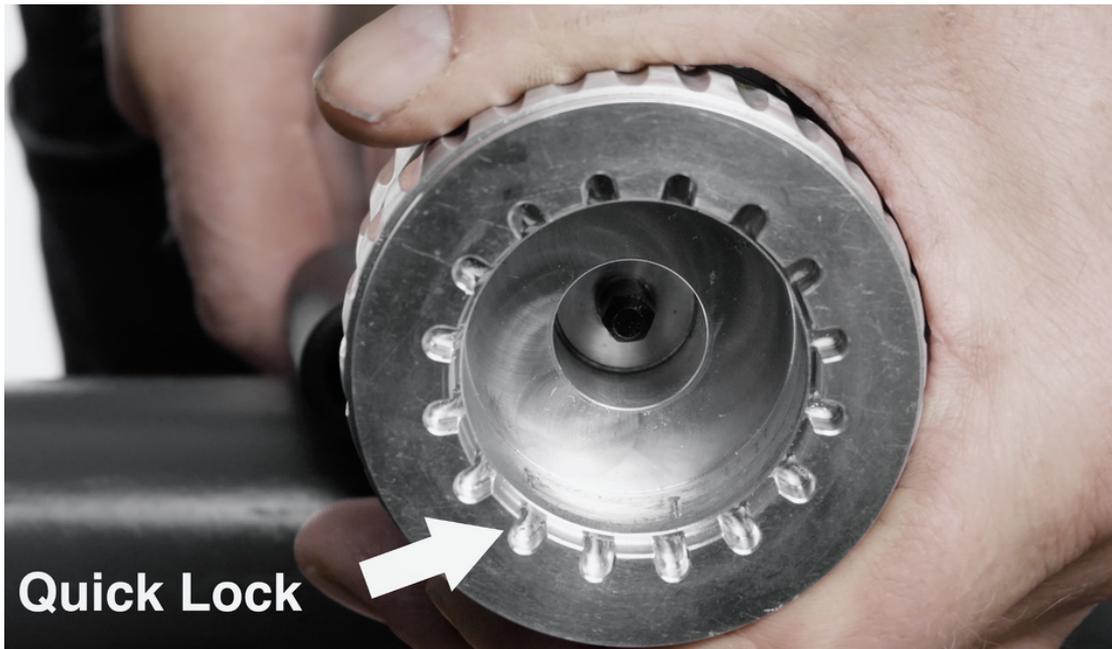
Handle automatic feed with care.

The more you tighten the feed nut, the more force is applied to the hole saw. Smaller hole saws handle more feed. Bigger hole saws, less feed. Adjust gradually.

Perform visual inspections of the equipment.

Check and clean for metal shavings. Cutting teeth must be intact and sharp before drilling. Flat hole saws destroy the machinery.

Connecting with Snapdrill



Snapdrill connects directly to its drive unit with the quick lock.

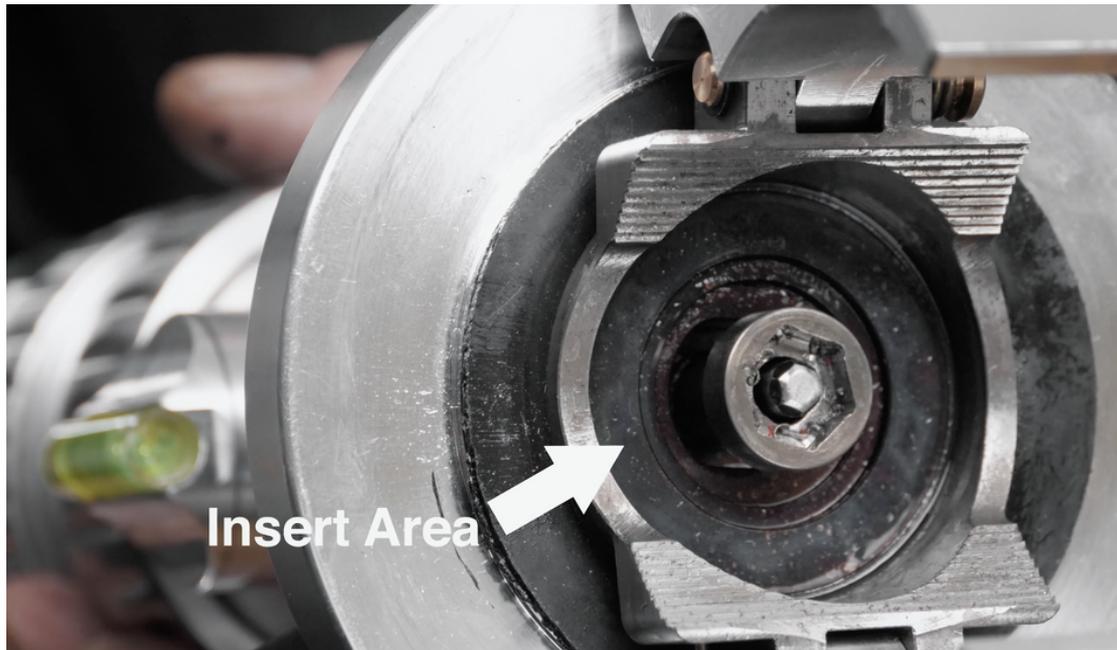


Turn and hold the locking nut counter clockwise. Interlock the two with their respective connective patterns.



It is easily done with Snapdrill already on the pipe. Alternatively freehanded.

Hole Saw assembly



Snapdrill and the battery drill need to be connected in order to insert hole saws.



Tighten the feed nut. Pull the trigger and let the insert area come forward.

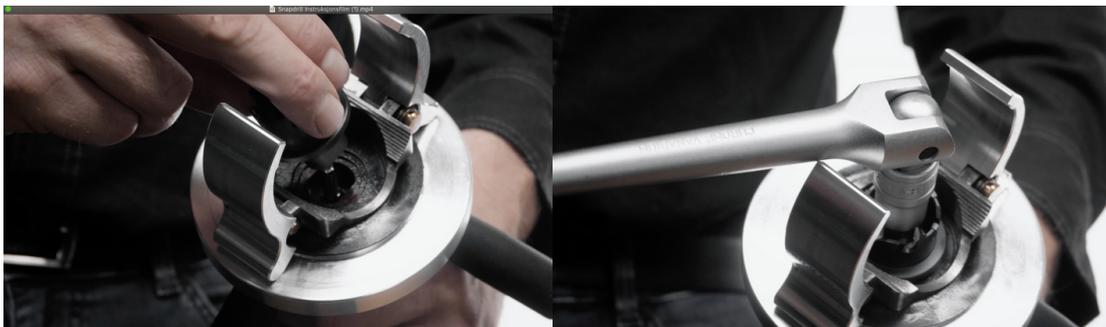
Hole Saw assembly



Remove the bolt. Use the included socket and flex handle.

Clean the surface area.

Insert the hole saw, and assemble the bolt. Tighten, and then give it a nudge.



Hole Cutting with Snapdrill



Before drilling, make sure of the following.
The power tool is put in **gear one**

On max torque (**drill symbol**).

Has at least **two dots on the battery**.



Hole Cutting with Snapdrill



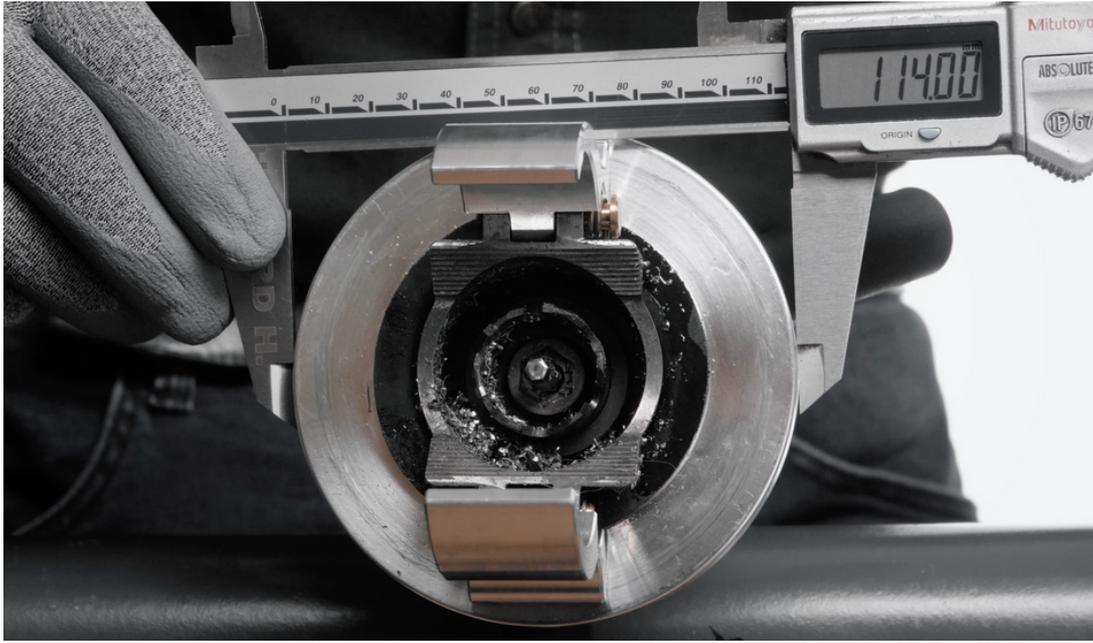
The hole saw must be in its starting position.

Ensure this by tightening the feed nut and reverse the rotation on the drill, check that the hole saw will not go any further back.

Always return the feed nut before drilling.

Lubricate the hole saw often for long tool life.

Hole Cutting with Snapdrill



For drilling with a specified center:

Measure the diameter of the outer ring.

Mark the radius' distance from the holes center.

Aim with the outer ring.



Hole Cutting with Snapdrill



Extend the foldable handles, open the clamp, and tighten Snapdrill to the pipe.

(Fasten clockwise, loosen counter clockwise)

First with one hand, adjusting with help from the spirit level.

Then with two hands. Do not over tighten.

Hole Cutting with Snapdrill



Put the drill in forward rotation

Fully activate the trigger, drill continuously.

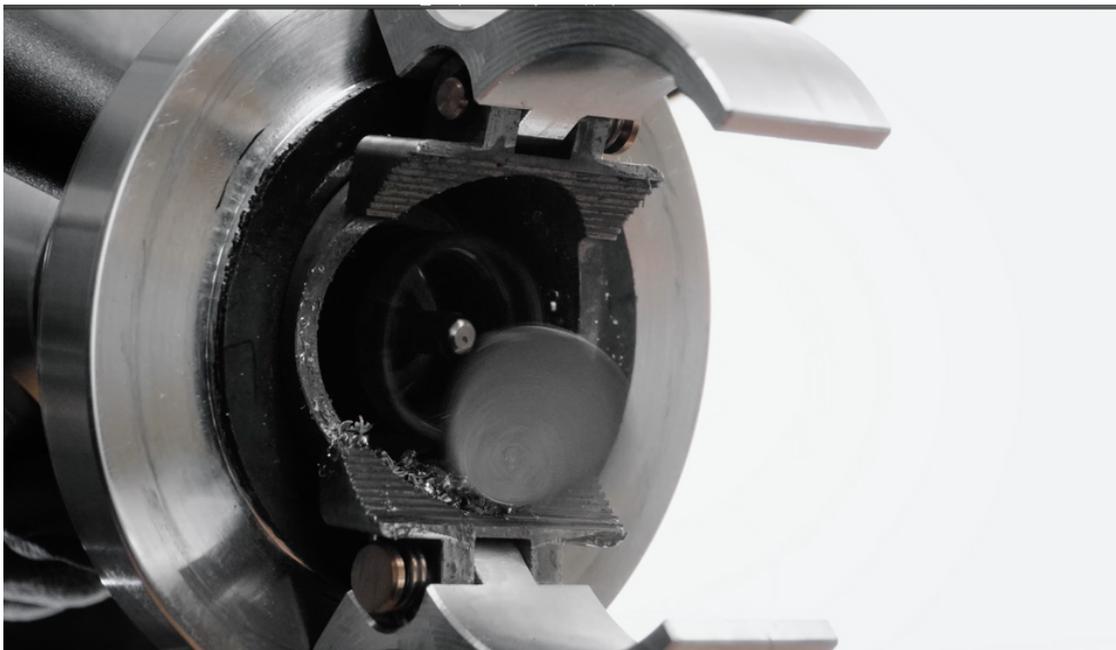
Carefully adjust the feed. The more you tighten the feed nut, the more force is applied to the hole saw. Bigger hole saws (above 30mm/1-3/16 inch) require a more careful use of feed. Listen to how the machine works. The drilling operation should take 15-45 seconds depending on wall thickness and pipe/hole size.



Hole Cutting with Snapdrill



Once drilling is completed, do not yet return the hole saw, loosen the handles. First with two hands, then with one hand while holding the battery drill with the other. Remove Snapdrill from the pipe.



Tighten the feed nut for and return the hole saw for removal of debris.

Maintenance



Regularly clean Snapdrill for metal shavings.



Ensure that the hole saw sits properly.



Apply lubricant frequently.

Refer to our website, visit www.snapdrill.no for contact info or contact your local supplier